SAAHITI **ANNAMNEEDI**

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SKILLS SUMMARY

Languages
Backend
Python • Java
Ruby • C++
Frontend
JavaScript • HTML5 • CSS

Technologies
Frameworks
Node.js (with Express)
Rails | Django
Databases
MongoDB • PostgreSQL
Firebase • MySQL

Tools
git
Eclipse • IntelliJ
Bash • Powershell
Teamcity • Rundeck
Docker • Vagrant • Chef

Excellent grasp of **OOP** design, data structures and algorithms
Learning enthusiast and **problem-solver**
Remarkably adaptable to fast-paced, **agile** environments
Keen eye for **quality**

Relevant Courses
Algorithms & Data Structures
Compilers
Computer Networks
Database Systems
Machine Learning (Coursera)
Engineering Design with Embedded Systems
Digital Circuits & Systems

Activities & Interests
Engineers Without Borders – VP, Education
Rock Climbing
Intramural Dodgeball
Badminton

Education
University of Waterloo
Computer Engineering - Honours

WORK EXPERIENCE

Minted
Full Stack Engineer |Sep–Dec 2017 | San Francisco, CA

- Worked on key features of the PhotoOp customer-facing website and admin dashboard, written in React
- Created and refactored endpoints of the PhotoOp backend built in Django, reducing API response times by **80%**
- Developed and deployed key bug fixes and features for the MVP launch of the iOS app for PhotoOp

TribalScale
Full Stack Engineer | Jan–Apr 2017 | Toronto, ON

- Developed the **backend** for an iOS surveying app – including authentication, management of multimedia content on AWS, custom report generation and a **RESTful API** using the Node.js, Express and MongoDB stack
- Created an **NPM package** to facilitate integration of analytics solutions such as Google Analytics, Segment and Mixpanel into any **Alexa app**
- Worked with a variety of large-scale client projects, including Amazon Alexa skills and ABC News' Android app with over **1M installs**

Oracle
Software Developer – DevOps | May–Aug 2016 | Toronto, ON

- Worked cross-team to maintain a continuous delivery pipeline – used tools such as Teamcity, Rundeck to manage build configurations, deploy hotfixes and monitor infrastructure
- Reduced run-time of biweekly maintenance tasks on remote-servers from hours to a few **minutes** – using Bash and Powershell scripts interacting with Chef, Sensu, Grafana and Selenium
- Developed features of the team's internal **Ruby API** and resource allocation dashboard to provision, repurpose and bulkimage VMs

PROJECTS

🔗 **Machine Learning** – ml101, an exploratory app in machine learning that leverages Python's pandas, numpy and scikit-learn libraries to perform supervised learning on data from the Human Development Report 2015

🔗 **PoliticalMeter** – A Node.js web app that uses machine learning APIs to analyze the personalities of US presidential candidates, built at QHacks 2016

🔗 **SudokuSolver** – Generates interactive Sudoku puzzles of varying difficulty levels for user, can solve any valid puzzle, written in Java